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FAX TO :Kitov, Zeev

ART UNIT: 2836

JAN 28 2004

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OFFICIAL

FROM : Winston Hsu, PATENT AGENT, REG. NO. : 41,526

SUBJECT: SERIAL NO. : 09/682,827

RESPONSE TO OFFICE ACTION MAILED ON 10/28/2003

TOTAL PAGES:21 PAGES (INCLUDING COVER PAGE)

**The hardcopy of this response will be sent to USPTO by Federal Express
right away.**

Winston Hsu 2004/01/28

PTO/SB/97 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Signature

Serina Yang

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify
each submitted paper.

APPLICATION NUMBER: 09/682,827

PAPERS INCLUDED:

| | |
|-----------------------------------|----------|
| (1) Transmittal Form | 1 PAGE |
| (2) Fee Transmittal | 1 PAGE |
| (3) Response to the Office Action | 17 PAGES |

Burden Hour Statement: This form is estimated to take 0.03 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/98/21 (08-03)

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TRANSMITTAL
FORM

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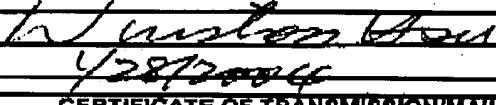
Total Number of Pages in This Submission 19

| | |
|------------------------|--------------|
| Application Number | 09/662,627 |
| Filing Date | 10/23/2001 |
| First Named Inventor | Ming-Dou Ker |
| Art Unit | 2898 |
| Examiner Name | Klou, Zeav |
| Attorney Docket Number | NAUPO324USA |

ENCLOSURES (Check all that apply)

| | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmitted Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance communication to Technology Center (TC) |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input checked="" type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Change of Correspondence Address | <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| | Remarks | |
| | Response to the office action has been sent to the examiner by fax on 01/26/2004 | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|---|
| Firm or individual name | Winston Hsu, Reg. No.: 41,526 |
| Signature |  |
| Date | 4/28/2004 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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|-----------------------|--|------|
| Typed or printed name | | |
| Signature | | Date |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

Complete If Known

| | |
|----------------------|--------------|
| Application Number | 09/882,827 |
| Filing Date | 10/23/2001 |
| First Named Inventor | Ming-Dou Ker |
| Examiner Name | Kitov, Zeev |
| Art Unit | 2838 |
| Attorney Docket No. | NAUP0324USA |

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number

50-0801

Deposit Account Name

North America International Patent Office

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

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Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|------------------------|--------------|------------------------|---------------|-----------------|----------|
| 1001 770 | 2001 385 | Utility filing fee | | | |
| 1002 340 | 2002 170 | Design filing fee | | | |
| 1003 530 | 2003 255 | Plant filing fee | | | |
| 1004 770 | 2004 388 | Reissue filing fee | | | |
| 1005 180 | 2005 80 | Provisional filing fee | | | |
| SUBTOTAL (1) (\$ 0.00) | | | | | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims below | Fee from below | Fee Paid |
|--------------|--------------------|--------------------|--------------------|----------------|----------|
| | | | -20** = | | |
| | | | -3** = | | |
| | | | | | |

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description |
|------------------------|--------------|--|---------------|-----------------|
| 1202 18 | 2202 9 | Claims in excess of 20 | | |
| 1201 86 | 2201 43 | Independent claims in excess of 3 | | |
| 1203 290 | 2203 145 | Multiple dependent claim, if not paid | | |
| 1204 86 | 2204 43 | ** Reissue independent claims over original patent | | |
| 1205 18 | 2205 9 | ** Reissue claims in excess of 20 and over original patent | | |
| SUBTOTAL (2) (\$ 0.00) | | | | |

*or number previously paid, if greater; For Reissues, see above

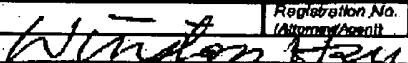
FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|-----------------------------------|---------------|--|----------|
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath | |
| 1062 60 | 2062 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1063 130 | 1053 130 | Non-English specification | |
| 1812 2,520 | 1812 2,520 | For filing a request for ex parte reexamination | |
| 1804 920* | 1804 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 1,840* | 1805 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 110 | 2251 65 | Extension for reply within first month | |
| 1262 420 | 2262 210 | Extension for reply within second month | |
| 1263 950 | 2253 475 | Extension for reply within third month | |
| 1254 1,480 | 2254 740 | Extension for reply within fourth month | |
| 1265 2,010 | 2265 1,005 | Extension for reply within fifth month | |
| 1401 330 | 2401 165 | Notice of Appeal | |
| 1402 330 | 2402 165 | Filing a brief in support of an appeal | |
| 1403 280 | 2403 145 | Request for oral hearing | |
| 1451 1,610 | 1461 1,610 | Petition to institute a public use proceeding | |
| 1452 110 | 2452 65 | Petition to revive - unavoidable | |
| 1453 1,330 | 2453 665 | Petition to revive - unintentional | |
| 1501 1,330 | 2501 665 | Utility issue fee (or release) | |
| 1602 480 | 2502 240 | Design issue fee | |
| 1803 640 | 2603 320 | Plant issue fee | |
| 1460 130 | 1460 130 | Petitions to the Commissioner | |
| 1807 60 | 1807 60 | Processing fee under 37 CFR 1.17(q) | |
| 1808 180 | 1808 180 | Submission of Information Disclosure Stmt | |
| 6021 40 | 5021 40 | Recording each patent assignment per property (list no. of properties) | |
| 1809 770 | 2809 385 | Filing a submission after final rejection (37 CFR 1.128(e)) | |
| 1810 770 | 2810 385 | For each additional invention to be examined (37 CFR 1.128(b)) | |
| 1801 770 | 2801 385 | Request for Continued Examination (RCE) | |
| 1802 800 | 1802 800 | Request for expedited examination of a design application | |
| Other fee (specify) | | | |
| *Reduced by Basic Filing Fee Paid | | | |
| SUBTOTAL (3) (\$ 0.00) | | | |

(Complete if applicable)

| Name (Print/Type) | Winston Hsu | Registration No. (Attorney/Agent) | 41,526 | Telephone | 886289237350 |
|-------------------|---|-----------------------------------|--------|-----------|--------------|
| Signature |  | | Date | 1/28/2004 | |

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ming-Dou Ker Examiner: Kitov, Zeev CEP
5 Tung-Yang Chen
Tien-Hao Tang
Filing Date: 10/23/2001 Art Unit: 2836
App. No.: 09/682,827 Docket No.: NAUPO324USA

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JAN 28 2004

10 Title: ON-CHIP ESD PROTECTION CIRCUIT WITH A
SUBSTRATE-TRIGGERED SCR DEVICE

To: Commissioner for Patents
P.O. Box 1450

Subject: Response to the Office action dated
10/28/2003

20 Dear Sir or Madame:

INTRODUCTORY COMMENTS

In response to the Office action identified above,
the above-identified application is to be amended as
indicated in the following sections. Consideration of
all amendments is politely requested.